

## TREE SPECIES SELECTION CHART FOR CHATTANOOGA

COMMON NAME BOTANICAL NAME	TREE TYPE	SHAPE	HEIGHT	SPREAD	GROWTH RATE	USEFUL LIFESPAN	MOISTURE CONDITIONS	BENEFITS
Red Maple <i>Acer rubrum</i>	Deciduous	Rounded	50'+	25'- 50'	Rapid	50+ Years	Moderate	Fall Color
Very shallow root system does not permit underplanting . Thin bark is easily damaged. Great fall color.								
Sugar Maple <i>Acer saccharum</i>	Deciduous	Rounded	50'+	50'+	Moderate	50+ Years	Moderate	Fall Color
Poor performance in compacted soils. Good fall color.								
Deodar Cedar <i>Cedrus deodara</i>	Evergreen	Pyramidal	50'+	50'+	Moderate	50+ Years	Moderate	Shape
Extremely graceful tree from the Himalayas.								
Eastern Redbud <i>Cercis canadensis</i>	Deciduous	Spreading	≤ 25'	≤ 25'	Moderate	25-50 Years	Moderate	Flowers
Adaptable to full sun or light shade. Best season is spring.								
Yellowwood <i>Cladrastis lutea</i>	Deciduous	Rounded	25'- 50'	25'- 50'	Moderate	25-50 Years	Moderate	Flowers
Excellent small to mediurn size tree.								
Flowering Dogwood <i>Cornus florida</i>	Deciduous	Shrubby	≤ 25'	≤ 25'	Moderate	Up to 25 years	Moist	Wildlife Fall Color, Flowers Bark Texture
Four-season character. Prefers shade but is sun tolerant. Use only disease free nursery stock.								
Washington Hawthorne <i>Crataegus phaenopyrum</i>	Deciduous	Rounded	≤ 25'	25' to 50'	Slow	25-50 Years	Moist	Wildlife
Excellent single specimen plant. Prefers sun. Very thorny!								
Leyland Cyprus <i>X Cupressocyparis leylandii</i>	Evergreen	Pyramidal	50'+	25' to 50'	Rapid	25-50 Years	Moderate /Dry	Wildlife
Excellent screen.								
Ginkgo <i>Ginkgo biloba</i>	Deciduous	Spreading	50'+	25' to 50'	Slow	50+ Years	Moderate /Dry	Fall Color
Plant in full sun. Unique foliage. Pest free. Plant only males.								
Serviceberry <i>Amelanchier x grandiflora</i>	Deciduous	Shrubby	≤ 25'	≤ 25'	Slow	Up to 25 Years	Moist	Wildlife Fall Color
Best suited in a naturalistic setting near the edge of woodlands and waterways.								

Foster Holly <i>Ilex x attenuata</i>	Evergreen	Pyramidal	≤ 25'	≤ 25'	Moderate	Up to 25 Years	Moderate	Wildlife
Prefers sun. Heavily fruited in winter.								
American Holly <i>Ilex opaca</i>	Evergreen	Pyramidal	25'-50'	≤ 25'	Moderate	50 + Years	Moist	Wildlife
Very picturesque tree. Prefers moist, shady sites but tolerates sun. Requires male and female for fruit.								
Crape Myrtle <i>Lagerstroemia indica</i>	Deciduous	Shrubby	≤ 25'	≤ 25'	Rapid	Up to 25 Years	Moderate	Fall Color Flowers Bark, Texture
Flowers all summer, many colors to choose from. Powdery mildew can be a problem.								
Dawn Redwood <i>Metasequoia glyptostroboides</i>	Deciduous	Pyramidal	25'-50'	50'+	Rapid	50+ Years	Moist	Attractive Pyramidal Shape
Needs full sun and much moisture. Dramatic accent tree.								
Southern Magnolia <i>Magnolia grandiflora</i>	Evergreen	Pyramidal	25'-50'	50'+	Moderate	50+ Years	Moist/Moderate	Flowers
Aristocratic broadleaf evergreen. Needs room to grow to develop. Slow to grow after transplanting.								
Saucer Magnolia <i>Magnolia soulangiana</i>	Deciduous	Shrubby	≤ 25'	≤ 25'	Moderate	Up to 25 Years	Moderate	Flowers Bark, Texture
Lovely small accent tree. Prefers sun but will tolerate light shade.								
Yoshino Cherry <i>Prunus x yedoensis</i>	Deciduous	Rounded	25'-50'	25'-50'	Rapid	Up to 25 Years	Moderate	Fall Color Flowers Bark, Texture
Tree of great beauty. Prefers sun.								
Sawtooth Oak <i>Quercus acutissima</i>	Deciduous	Pyramidal	25'-50'	25'-50'	Moderate	50+ Years	Moderate	Wildlife
Seems to thrive in this area. No serious disease problems.								
Pin Oak <i>Quercus palustris</i>	Deciduous	Pyramidal	50'+	50'+	Rapid	50+ Years	Moderate	Wildlife
Plant in full sun. Excellent lawn tree.								
Willow Oak <i>Quercus phellos</i>	Deciduous	Rounded	50'+	50'+	Rapid	50+ Years	Moist/Moderate	Wildlife
Prefers full sun. Popular shade tree. Crown density causes pruning problems.								
Bald Cypress <i>Taxodium</i>	Deciduous	Pyramidal	25'-50'	50'+	Moderate	50+ Years	Moist/Moderate	Fall Color Bark

<i>distichum</i>								Textur
Very distinctive tree. Good for wet areas. Spider mites a problem in hot, dry weather.								
Canadian Hemlock <i>Tsuga canadensis</i>	Evergreen	Pyramidal	25'-50'	50'+	Moderate	50+ Years	Moist	Shape
Very graceful evergreen. Commonly found along shady mountain streams.								
Lacebark Elm <i>Ulmus parvifolia</i>	Deciduous	Pyramidal	50'+	50'+	Moderate	50+ Years	Moderate	Fall Color, Bark, Texture
A tough, durable yet handsome ornamental with showy bark. Shape and size depends on cultivar.								
Japanese Zelkova <i>Zelkova serrata</i>	Deciduous	Pyramidal	50'+	50'+	Moderate	50+ Years	Moist	Fall Color
Excellent urban tree which tolerates a wide range of conditions.								
Goldenrain Tree <i>Koelreuteria paniculata</i>	Deciduous	Rounded	25'-50'	≤ 25'	Moderate	Up to 25 Years	Moderate	Flowers
Excellent small lawn tree which tolerates a wide range of soil conditions.								

